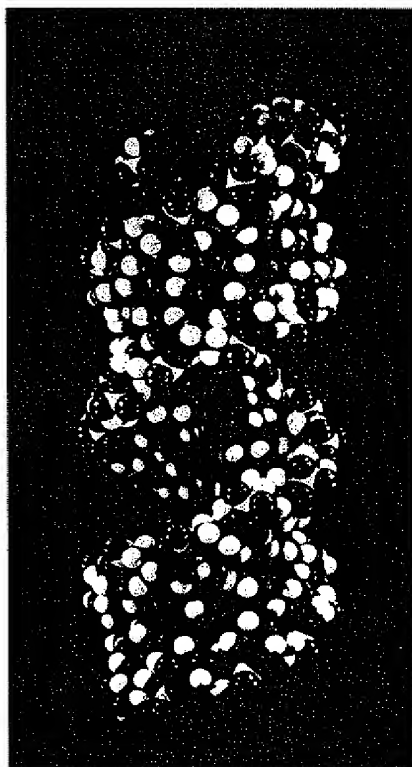


1 / 5

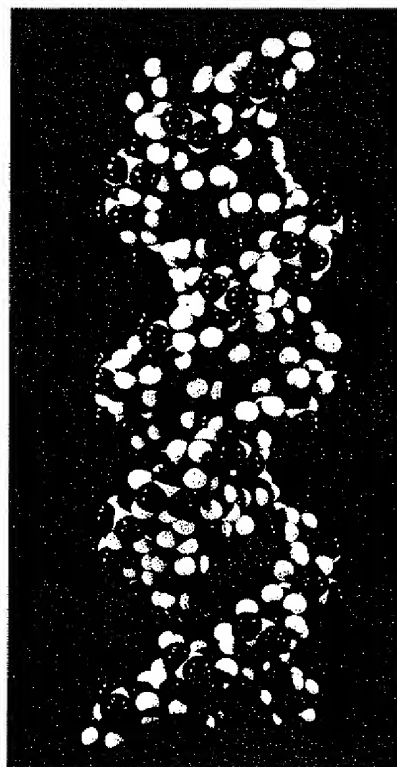
Major Groove
(deep)

Minor Groove
(shallow)



A-form DNA or RNA

FIG. 1A



Major Groove

Minor Groove

B-form DNA

FIG. 1B

2 / 5

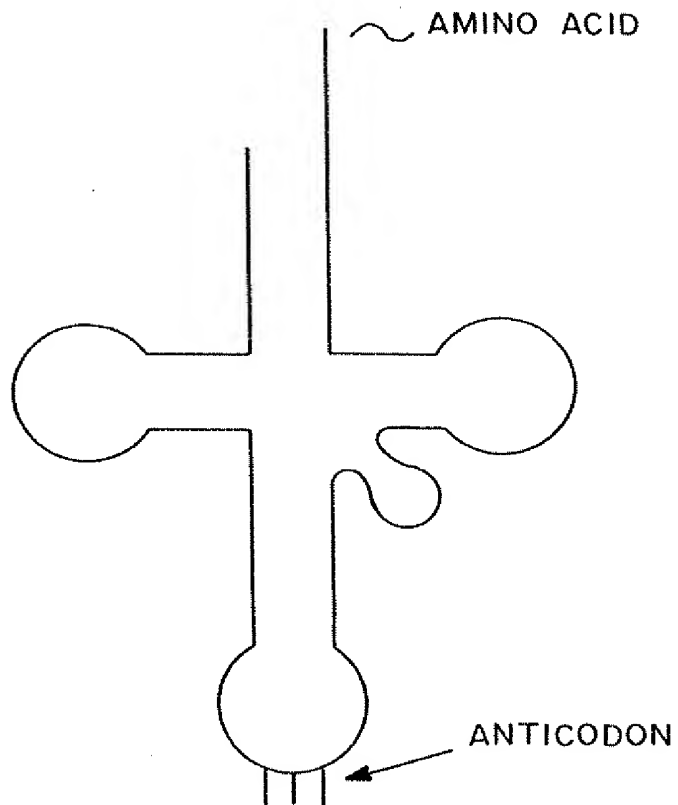
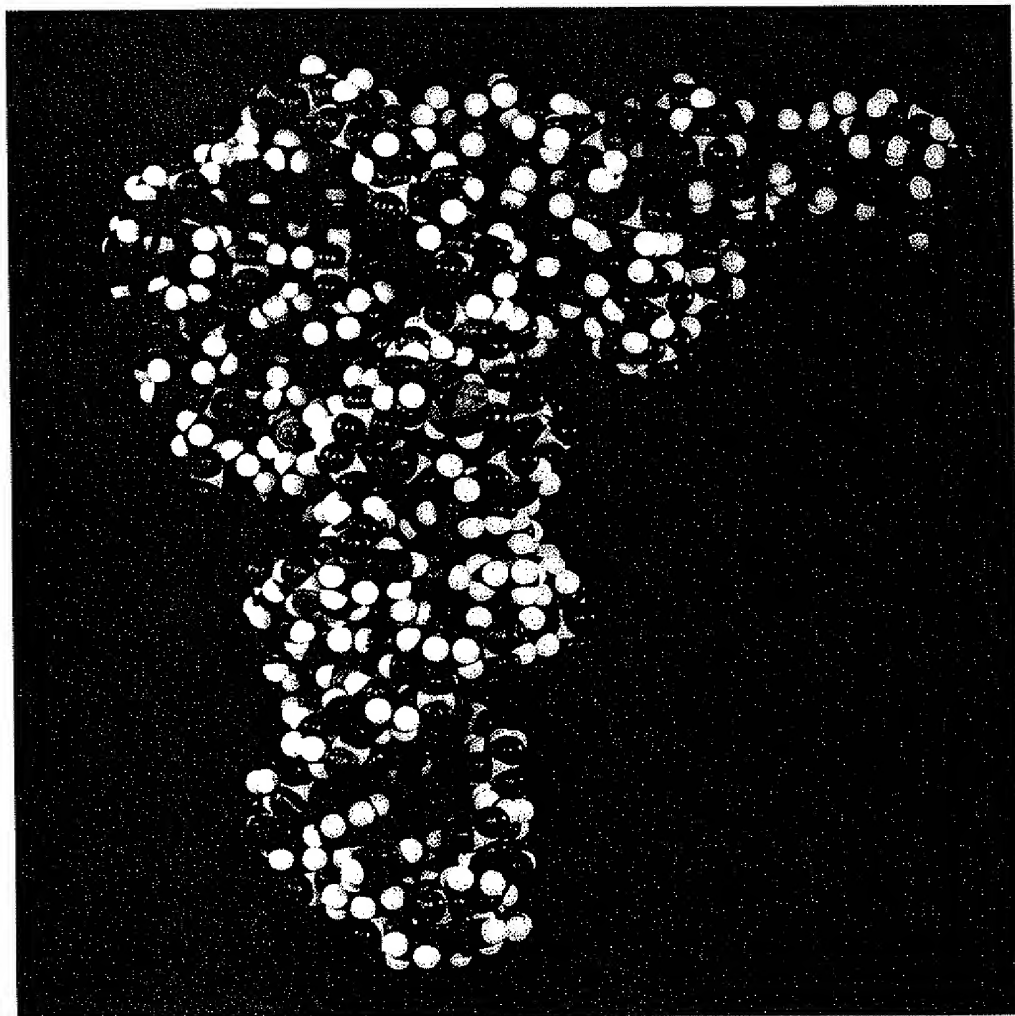


FIG. 2A

3 / 5

Amino Acid
Attachment Site



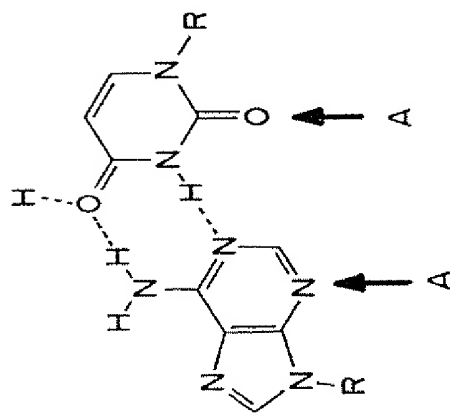
Anticodon



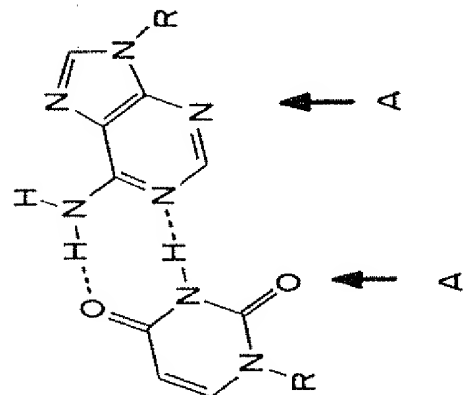
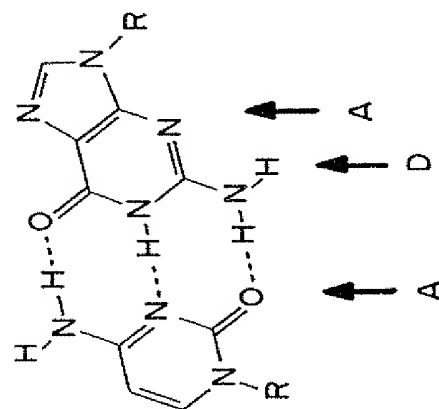
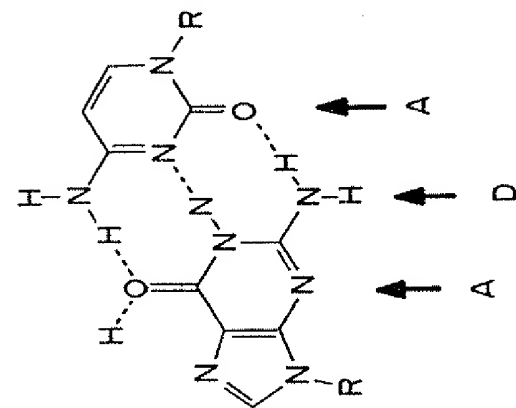
FIG. 2B

4/5

Major Groove:



Minor Groove:



A:U

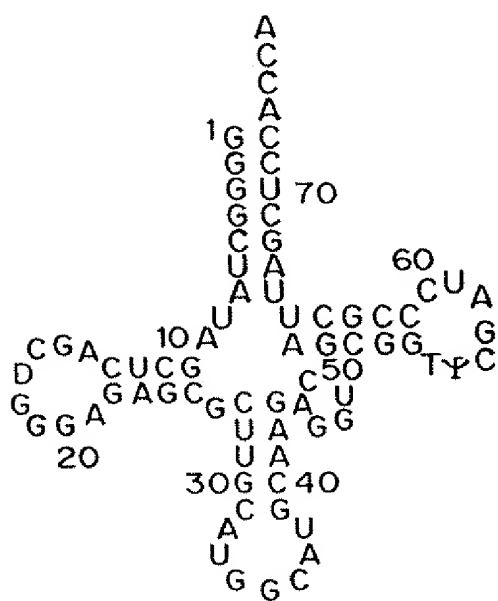
G:C

C:G

U:A

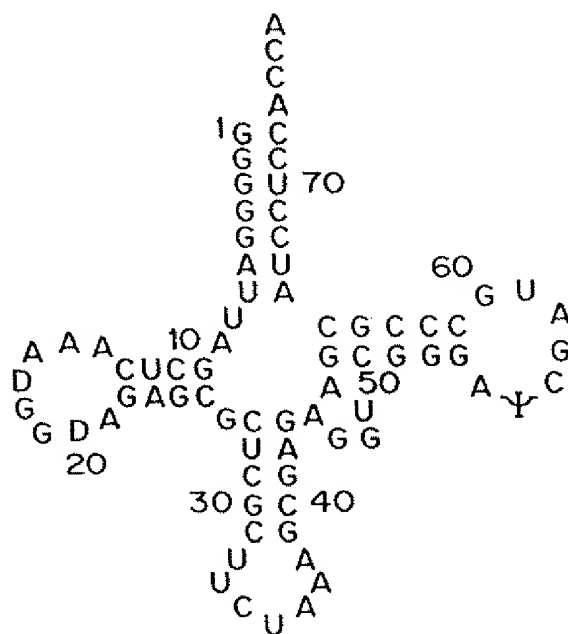
FIG. 3

5 / 5



E. coli

FIG. 4A



Human

FIG. 4B